15. (Original) The zoom lens according to claim 14, wherein the fourth lens group is made of a convex lens, a concave lens and a convex lens, arranged in that order from the object side to the image plane side, and all of the lenses are cemented together.

16. (Original) The zoom lens according to claim 14, wherein the fourth lens group is made of three lenses and all of the lenses are cemented together, satisfying conditions of the following Expressions (1) and (2) when τ_{370} indicates transmittance of light having a wavelength of 370 nm and τ_{380} indicates transmittance of light having a wavelength of 380 nm at a part of a lens where the thickness is 10 nm, the lens is the second in the fourth lens group when viewed from the object side

$$0.02 < \tau_{370} < 0.2 \quad (1)$$

$$0.2 < \tau_{380} < 0.55 \quad (2).$$

17. (Original) The zoom lens according to claim 14, wherein a condition of the following Expression (7) is satisfied when $dsag_{2i1}$ indicates an aspheric amount at the 10% effective aperture of an i-th aspheric surface of the second lens group viewed from the object side, and $dsag_{2i9}$ indicates an aspheric amount at the 90% effective aperture of an i-th aspheric surface of the second lens group viewed from the object side

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$$-0.23 < dsag_{2i1} / dsag_{2i9} < -0.10 \quad (7).$$

18. (Original) The zoom lens according to claim 14, wherein the aspheric surface of the second lens group is a surface arranged closest to the image plane side, and the aspheric surface being the concave surface that faces the image plane side.